

## Environmental Protection Agency

## § 421.144

### BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony contained in sodium antimonate product	
Antimony .....	44.840	20.000
Arsenic .....	32.650	14.530
Mercury .....	3.906	1.562
Total suspended solids .....	640.600	304.700
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(b) Fouled anolyte.

### BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	44.840	20.000
Arsenic .....	32.650	14.530
Mercury .....	3.906	1.562
Total suspended solids .....	640.600	304.700
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(c) Cathode Antimony Wash Water.

### BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	89.680	40.000
Arsenic .....	65.310	29.060
Mercury .....	7.812	3.125
Total suspended solids .....	1,281.000	609.300
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

### § 421.143 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limita-

tions representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Sodium Antimonate Autoclave Wastewater.

### BAT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony contained in sodium antimonate product	
Antimony .....	30.150	13.440
Arsenic .....	21.720	9.687
Mercury .....	2.344	0.937

(b) Fouled Anolyte.

### BAT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg pounds per million pounds of antimony metal produced by electrowinning	
Antimony .....	30.150	13.440
Arsenic .....	21.720	9.687
Mercury .....	2.344	0.937

(c) Cathode Antimony Wash Water

### BAT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant of pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	60.310	26.870
Arsenic .....	43.430	19.370
Mercury .....	4.687	1.875

### § 421.144 Standards of performance for new sources.

Any new source subject to this subpart shall achieve the following new source performance standards:

(a) Sodium Antimonate Autoclave Wastewater.

**§ 421.145**

**NSPS FOR THE PRIMARY ANTIMONY  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony contained in sodium antimonate product	
Antimony .....	30.150	13.440
Arsenic .....	21.720	9.687
Mercury .....	2.344	0.937
Total suspended solids .....	234.400	187.500
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

**(b) Fouled Anolyte.**

**NSPS FOR THE PRIMARY ANTIMONY  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	30.150	13.440
Arsenic .....	21.720	9.687
Mercury .....	2.344	0.937
Total suspended solids .....	234.400	187.500
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

**(c) Cathode Antimony Wash Water.**

**NSPS FOR THE PRIMARY ANTIMONY  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	60.310	26.870
Arsenic .....	43.430	19.370
Mercury .....	4.687	1.875
Total suspended solids .....	468.700	375.000
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

**§ 421.145 [Reserved]**

**§ 421.146 Pretreatment standards for  
new sources.**

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and

**40 CFR Ch. I (7–1–00 Edition)**

achieve the following pretreatment standards for new sources. The mass of wastewater pollutants in primary antimony process wastewater introduced into a POTW shall not exceed the following values:

**(a) Sodium Antimonate Autoclave Wastewater.**

**PSNS FOR THE PRIMARY ANTIMONY  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony contained in sodium antimonate product	
Antimony .....	30.150	13.440
Arsenic .....	21.720	9.687
Mercury .....	2.344	0.937

**(b) Fouled Anolyte.**

**PSNS FOR THE PRIMARY ANTIMONY  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	30.150	13.440
Arsenic .....	21.720	9.687
Mercury .....	2.344	0.937

**(c) Cathode Antimony Washwater.**

**PSNS FOR THE PRIMARY ANTIMONY  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	60.310	26.870
Arsenic .....	43.430	19.370
Mercury .....	4.687	1.875

**§ 421.147 [Reserved]**

**Subpart O—Primary Beryllium  
Subcategory**

SOURCE: 50 FR 38346, Sept. 20, 1985, unless otherwise noted.